

1	1	ttttttttttttgag	ATG	GAG	TTT	TCG	CTC	TTG	TTG	CCC	AGG	CTG	GAG	TGC	AAT	GGC	GCA	ATC	62			
63	1		M	E	F	S	L	L	T	P	R	L	E	C	N	G	A	I	16			
17	63	TCA	GCT	CAC	CGC	AAC	CTC	CGC	CTC	CCG	GGT	TCA	AGC	GAT	TCT	CCT	GCC	TCA	GCC	TCC	CCA	122
37	17	S	A	H	R	N	L	R	L	P	G	S	S	D	(S)	P	A	S	A	(S)	P	36
123	123	GTA	GCT	GGG	ATT	ACA	GGC	ATG	TGC	ACC	CAC	GCT	CGG	CTA	ATT	TTG	TAT	TTT	TTT	TTA	GTA	182
37	37	V	A	G	I	T	G	M	C	T	H	A	R	L	I	L	Y	F	F	L	V	56
183	183	GAG	ATG	GAG	TTT	CTC	CAT	GTT	GGT	CAG	GCT	GGT	CTC	GAA	CTC	CCG	ACC	TCA	GAT	GAT	CCC	242
57	57	E	M	E	F	L	H	V	G	Q	A	G	L	E	L	P	T	(S)	D	D	P	76
243	243	TCC	GTC	TCG	GCC	TCC	CAA	AGT	GCT	AGA	TAC	AGG	ACT	GGC	CAC	CAT	GCC	CGG	CTC	TGC	CTG	302
77	77	(S)	V	(S)	A	S	Q	(S)	A	R	Y	R	(T)	G	H	H	A	R	L	C	L	96
303	303	GCT	AAT	TTT	TGT	GGT	AGA	AAC	AGG	GTT	TCA	CTG	ATG	TGC	CCA	AGC	TGG	TCT	CCT	GAG	CTC	362
97	97	A	N	F	C	G	R	N	R	V	S	L	M	C	P	S	W	(S)	P	E	L	116
363	363	AAG	CAG	TCC	ACC	TGC	CTC	AGC	CTC	CCA	AAG	TGC	TGG	GAT	TAC	AGG	CGT	GCA	GCC	GTG	CCT	422
117	117	K	Q	(S)	T	C	L	S	L	P	K	C	W	D	Y	R	R	A	A	V	P	136
423	423	GGC	CTT	TTT	ATT	TTA	TTT	TTT	TTA	AGA	CAC	AGG	TGT	CCC	ACT	CTT	ACC	CAG	GAT	GAA	GTG	482
137	137	G	L	F	I	L	F	F	L	R	H	R	C	P	(T)	L	T	Q	D	E	V	156
483	483	CAG	TGG	TGT	GAT	CAC	AGC	TCA	CTG	CAG	CCT	TCA	ACT	CCT	GAG	ATC	AAG	CAT	CCT	CCT	GCC	542
157	157	Q	W	C	D	H	S	S	L	Q	P	(S)	T	P	E	I	K	H	P	P	A	176
543	543	TCA	GCC	TCC	CAA	GTA	GCT	GGG	ACC	AAA	GAC	ATG	CAC	CAC	TAC	ACC	TGG	CTA	ATT	TTT	ATT	602
177	177	S	A	S	Q	V	A	G	T	K	D	M	H	H	Y	T	W	L	I	F	I	196
603	603	TTT	ATT	TTT	AAT	TTT	TTG	AGA	CAG	AGT	CTC	AAC	TCT	GTC	ACC	CAG	GCT	GGA	GTG	CAG	TGG	662
197	197	F	I	F	N	F	L	R	Q	S	L	N	(S)	V	T	Q	A	G	V	Q	W	216
663	663	CGC	AAT	CTT	GGC	TCA	CTG	CAA	CCT	CTG	CCT	CCC	GGG	TTC	AAG	TTA	TTC	TCC	TGC	CCC	AGC	722
217	217	R	N	L	G	S	L	Q	P	L	P	P	G	F	K	L	F	S	C	P	(S)	236
723	723	CTC	CTG	AGT	AGC	TGG	GAC	TAC	AGG	CGC	CCA	CCA	CGC	CTA	GCT	AAT	TTT	TTT	GTA	TTT	TTA	782
237	237	L	L	S	S	W	D	Y	R	R	P	P	R	L	A	N	F	F	V	F	L	256
783	783	GTA	GAG	ATG	GGG	TTC	ACC	ATG	TTC	GCC	AGG	TTG	ATC	TTG	ATC	TCT	GGA	CCT	TGT	GAT	CTG	842
257	257	V	E	M	G	F	T	M	F	A	R	L	I	L	I	S	G	P	C	D	L	276
843	843	CCT	GCC	TCG	GCC	TCC	CAA	AGT	GCT	GGG	ATT</											

**Title: PREFERRED SEGMENTS OF NEURAL THREAD PROTEIN AND METHODS OF USING THE SAME**  
**Inventor(s): Judith Fitzpatrick et al.**  
**Appl. No.: 09/697,590**

**FIGURE 2**

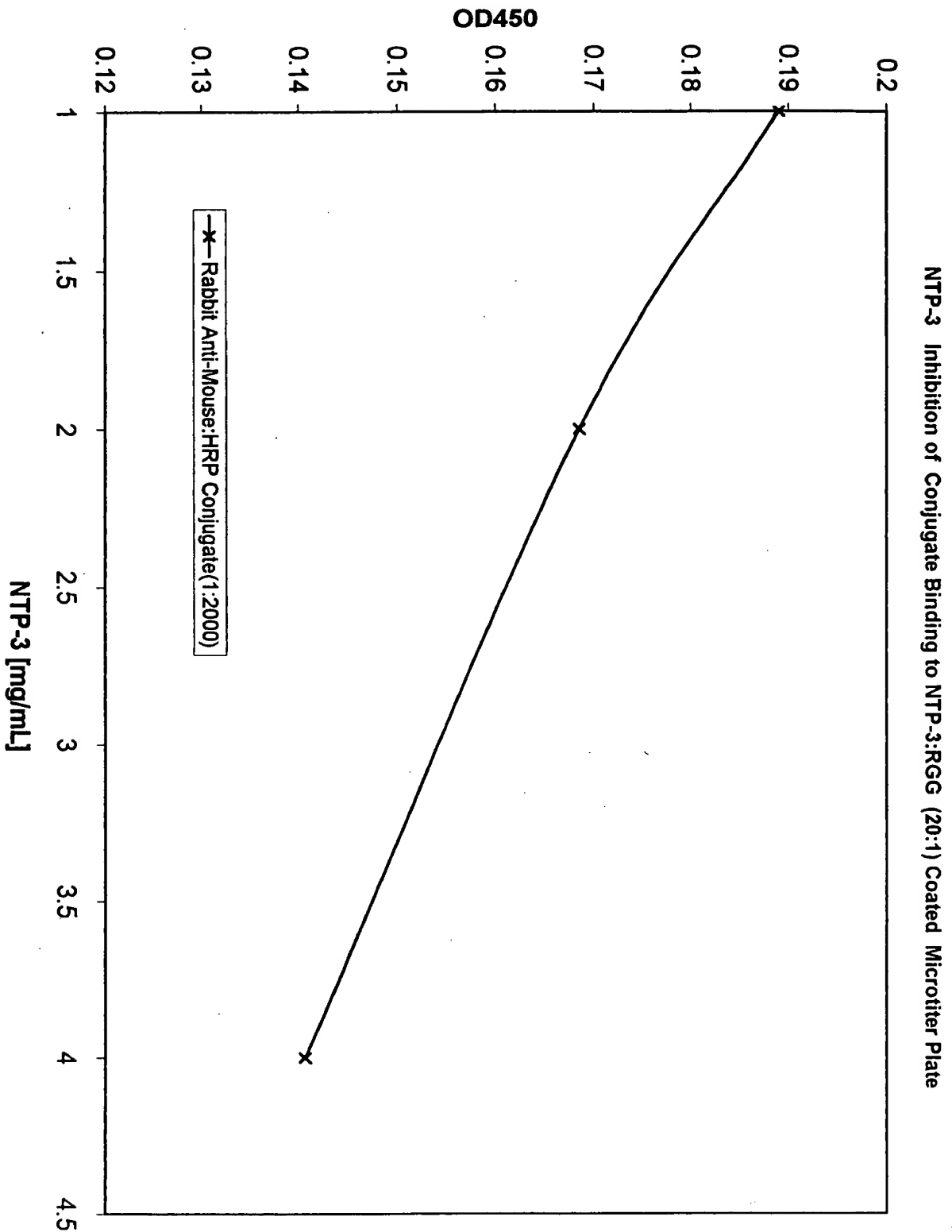


FIGURE 3

Title: PREFERRED SEGMENTS OF  
NEURAL THREAD PROTEIN AND  
METHODS OF USING THE SAME  
Inventor(s): Judith Fitzpatrick et al.  
Appl. No.: 09/697,590

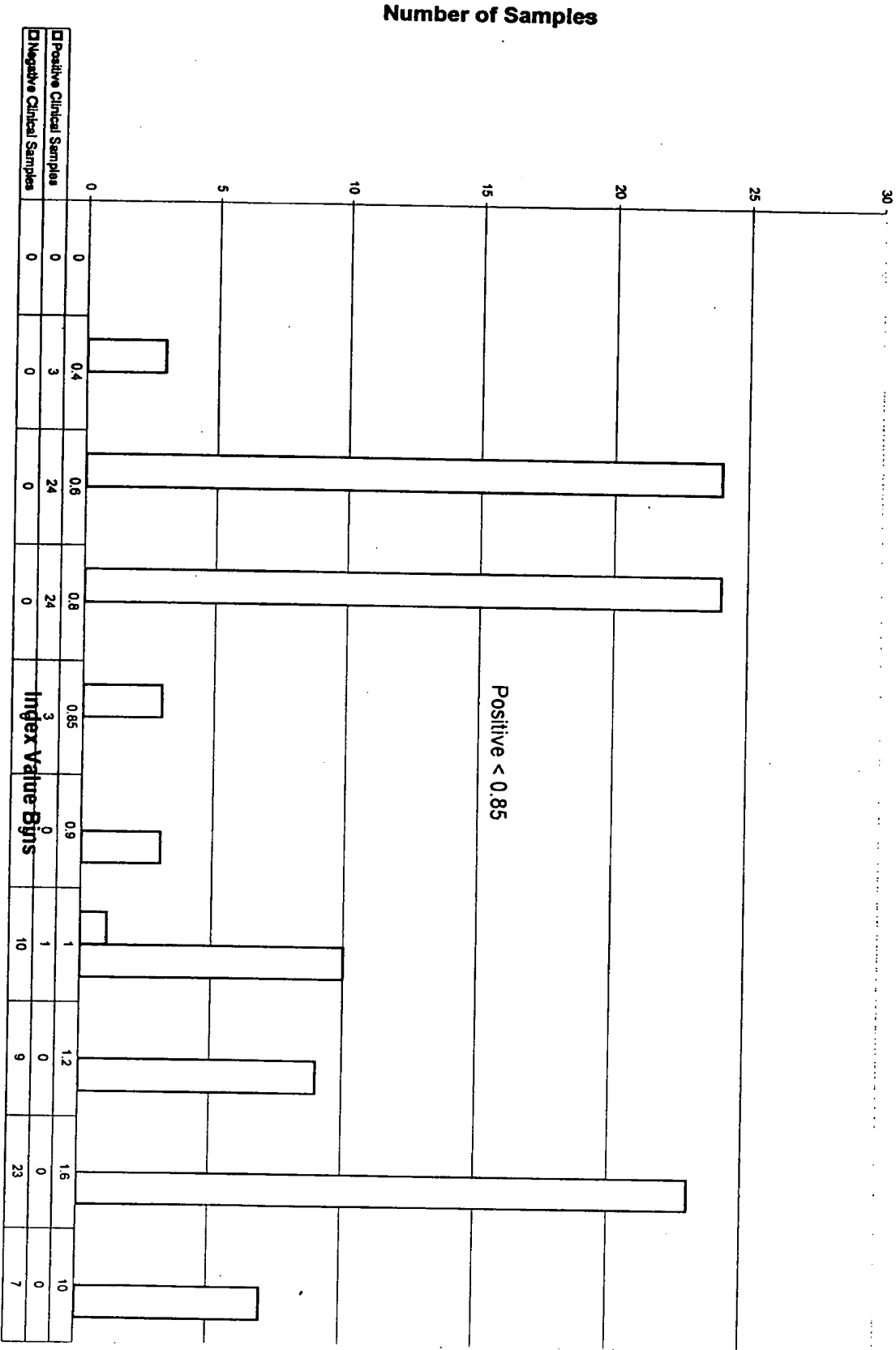


FIGURE 4

Interferents to Binding of Goat Anti-Mouse-HRP Conjugate (1:8000) to NTP-RGG (30:1)  
Coated Microplates

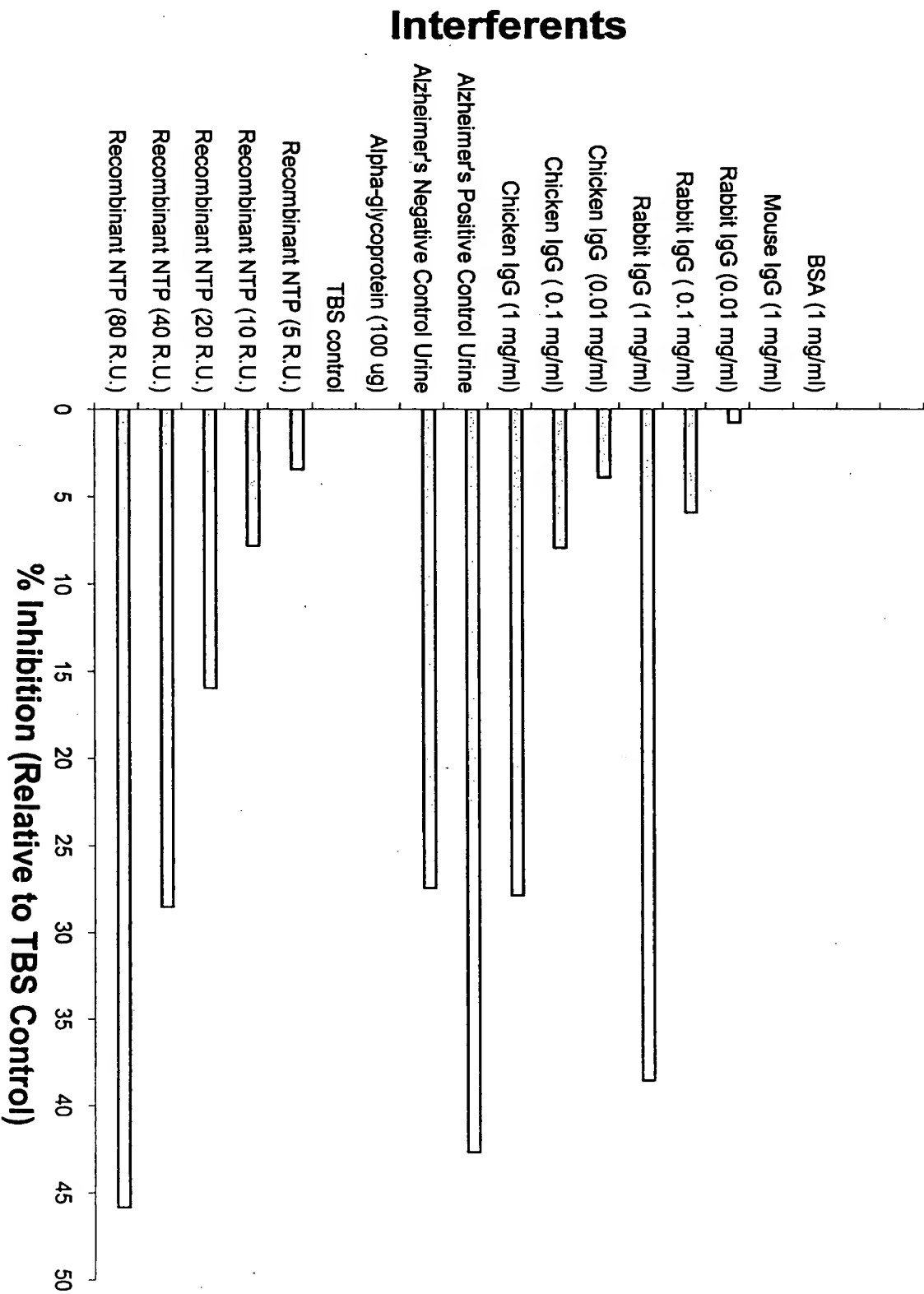
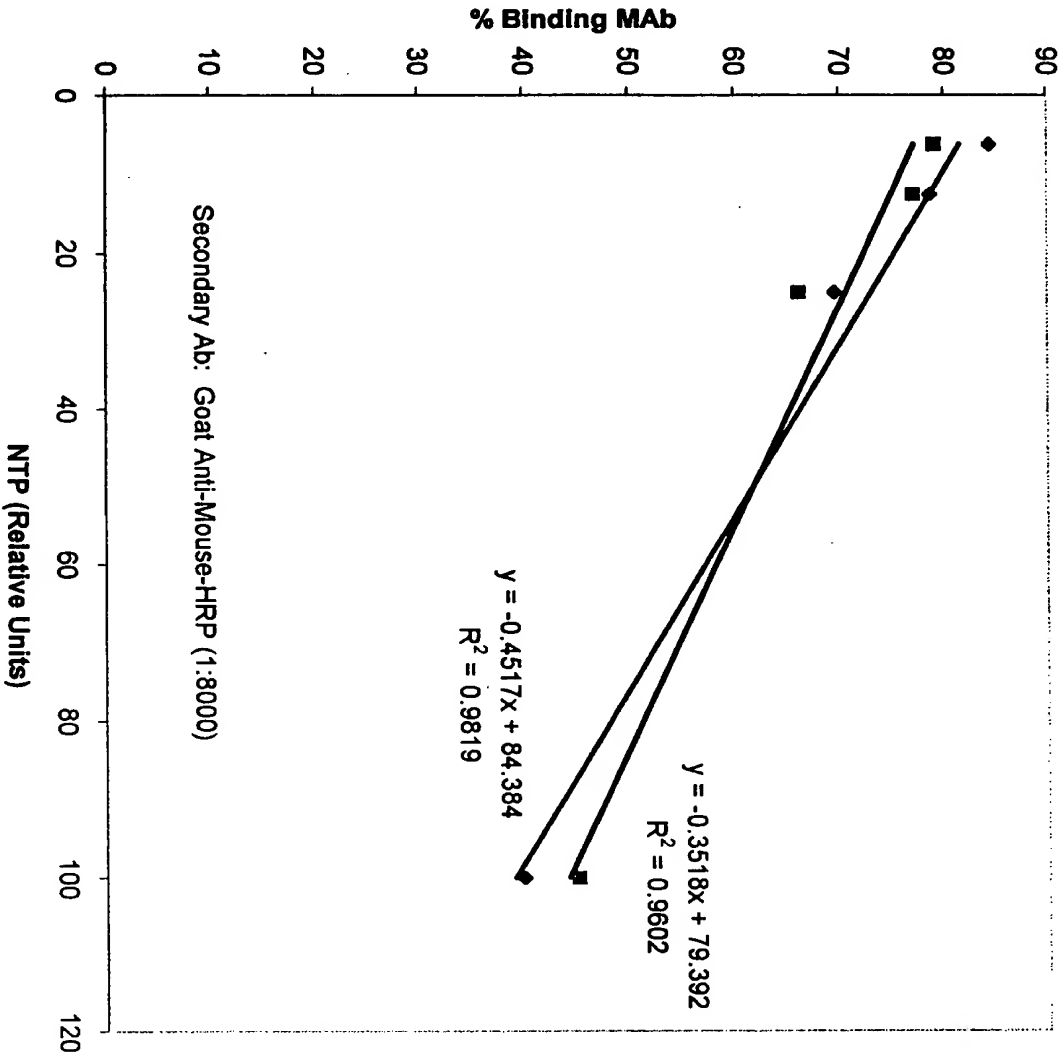


FIGURE 5

AD Competitive ELISA on NTP-3: RGG (30:1) Coated Microtiter Plate



- ◆ Recombinant NTP Diluted in pH 3.5 TBS
- Urine Standard diluted in pH 3.5 TBS
- Linear (Recombinant NTP Diluted in pH 3.5 TBS)
- Linear (Urine Standard diluted in pH 3.5 TBS)

**Figure 6: Competitive Affinity Assay in ELISA Format  
Using a Harilil Peptide - Antibody Conjugate**

